

Converting Colors

YUV(185.9300, -91.6635,
-46.4196)

Have a look what the booklet for
YUV(185.9300, -91.6635, -46.4196)
contains.

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Color

**YUV(185.9300, -91.6635,
-46.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	85F900
RGB	133, 249, 0
RGB Percent	52%, 98%, 0%
CMY	0.4784, 0.0235, 1.0000
CMYK	0.47, 0.00, 1.00, 0.02
HSL	88°, 100%, 49%
HSV	88°, 100%, 98%
XYZ	43.5485, 72.7379, 11.7446
YIQ	185.9300, 10.7930, -102.0310

Conversions

Conversions Part 2

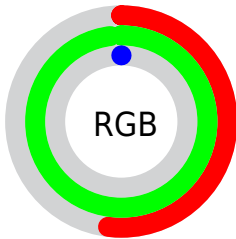
Format	Color
RYB	0, 249, 116
Decimal	8780032
CIELab	88.32, -64.20, 84.66
CIELCh	88, 106.254, 127.175
Yxy	72.7379, 0.3401, 0.5681
Android (android.graphics.Color)	4286970112 (0xFF85F900)
YUV	185.9300, -91.6635, -46.4196
Hunter-Lab	85.2865, -58.1067, 51.5359

Details

The YUV color **185.9300, -91.6635, -46.4196** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **63.0700, 91.6635, 46.4196**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4780, -62.3537, -20.5902**, and **132.4380, -65.2919, -58.2661** is the 20% darker color. If you saturate the color by 10%, you get **185.9300, -91.6635, -46.4196**, and if you desaturate by 10%, it is **192.3680, -82.5124, -41.5417**.

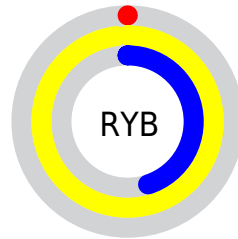
Distribution



Red (52%)

Green (98%)

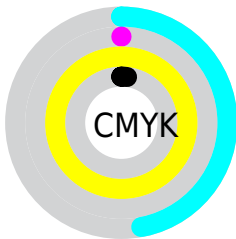
Blue (0%)



Red (0%)

Yellow (98%)

Blue (45%)

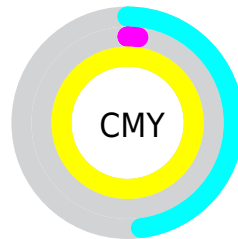


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (48%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.9300, -91.6635, -46.4196 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 185.9300, -91.6635, -46.4196 by changing the saturation by 10% instead.

185.9300,
-91.6635, -46.4196

185.9300,
-91.6635, -46.4196

255.0000, 0.0000,
0.0000

159.3390,
-78.5541, -51.1633

218.4780,
-62.3537, -20.5902

132.4380,
-65.2919, -58.2661

231.2810,
-53.3825, -4.6314

100.4540,
-49.5238, -75.8202

243.3720,
-44.5534, 10.1978

80.4190, -39.6466,
-70.5275

246.6780,
-31.8863, 7.2984

64.5700, -31.8330,
-56.6279

250.0980,
-18.7823, 4.2991

49.3080, -24.3088,
-43.2431

253.6320, -5.2416,

35.2200, -17.3635,

1.1997

-30.8879

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 185.9300,
-91.6635, -46.4196

■ 192.3680,
-82.5124, -41.5417

■ 198.5070,
-73.2140, -37.2786

■ 204.9450,
-64.0629, -32.4008

■ 211.0840,
-54.7644, -28.1377

■ 217.5220,
-45.6133, -23.2598

■ 223.8460,
-36.8991, -18.2819

■ 229.9850,
-27.6006, -14.0188

■ 236.4230,
-18.4495, -9.1410

■ 242.5620, -9.1511,
-4.8779

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.0310, -101.0803, 34.1758



185.9300, -91.6635, -46.4196



165.4170, -13.5166, -145.0707

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185.9300, -91.6635, -46.4196



177.5810, 38.1676, -155.7385



158.5600, 21.4159, 84.5779

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



185.9300, -91.6635, -46.4196



63.0700, 91.6635, 46.4196

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



180.4510, 36.7527, 65.3795



185.9300, -91.6635, -46.4196



162.3190, 45.6917, -142.3538

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185.9300, -91.6635, -46.4196



178.7550, 37.5888, -156.7681



211.2520, 21.5678, 35.7360



168.5200, -31.8084, 75.8430

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.9300, -91.6635, -46.4196



173.5110, 17.4961, -152.1691



211.2520, 21.5678, 35.7360



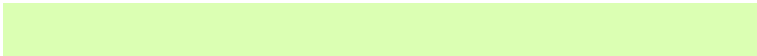
163.6100, 35.6883, 80.1490

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



185.9300, -91.6635, -46.4196



235.5720, -27.8900, -14.5336



140.1950, -69.1161, 95.4220



116.1780, -16.8498, -8.9261



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.9300, -91.6635, -46.4196



190.3490, -93.8421, -47.6641



149.7510, -73.8272, -120.8076



121.7240, -4.7939, -2.3889



141.1420, -69.5830, -35.2045



45.6740, -22.5173, -11.1151

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.0700, 91.6635, 46.4196



64.6510, 93.8421, 47.6641



99.2490, 73.8272, 120.8076



115.2760, 4.7939, 2.3889



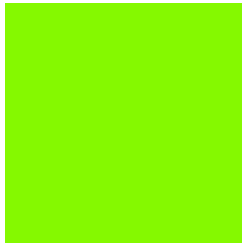
47.8580, 69.5830, 35.2045



15.6250, 22.3699, 11.7299

Previews

White Background



This preview shows how the YUV color 185.9300, -91.6635, -46.4196 looks on a white background.

Color Contrast Check

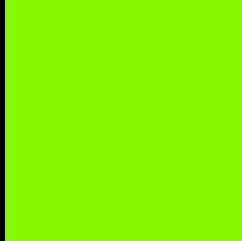
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 185.9300, -91.6635, -46.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

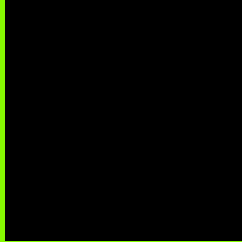
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.9300, -91.6635, -46.4196 Background



This preview shows how black text looks on a background with the YUV color 185.9300, -91.6635, -46.4196.



This preview shows how white text looks on a background with the YUV color 185.9300, -91.6635, -46.4196.

-46.4196.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

203.8790, -100.5123, 38.6941

Deuteranopia

219.1910, -33.1252, 31.4045

Tritanopia

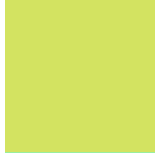
213.1330, 18.1754, -43.0896

Trichromacy



Protanomaly

197.1910, -97.2152, 7.7255



Deuteranomaly

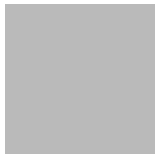
207.3960, -54.4252, 3.1607



Tritanomaly

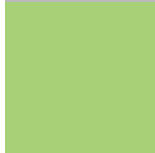
203.5790, -21.9774, -44.3578

Monochromacy



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0680, -33.5575, -16.7226

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9300, -91.6635, -46.4196 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 249, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 249, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 249, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 249, 0) }
```

Border

The CSS property to change the border of an element to YUV 185.9300, -91.6635, -46.4196 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 249, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(133, 249, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(133, 249, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 249, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 249, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 249,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 185.9300, -91.6635, -46.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 249, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
249, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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